ARG45839
anti-Zebrafish KIAA1199 antibody

Package: 200 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes KIAA1199
Tested Reactivity	Zfsh
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	KIAA1199
Species	Zebrafish
Conjugation	Un-conjugated
Alternate Names	CEMIP; Cell Migration Inducing Hyaluronidase 1; KIAA1199; HYBID; TMEM2L; CEMIP1; Hyaluronan-Binding Protein Involved In Hyaluronan Depolymerization; Cell Migration-Inducing And Hyaluronan-Binding Protein; Cell Migration Inducing Protein, Hyaluronan Binding; Cell Migration Inducing Hyaluronan Binding Protein; IR2155535; Hyaluronan Binding Protein Involved In Hyaluronan Depolymerization; Colon Cancer Secreted Protein 1; EC 3.2.1.35; CCSP1

Application Instructions

Application table

Application	Dilution
IHC-P	2-5 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

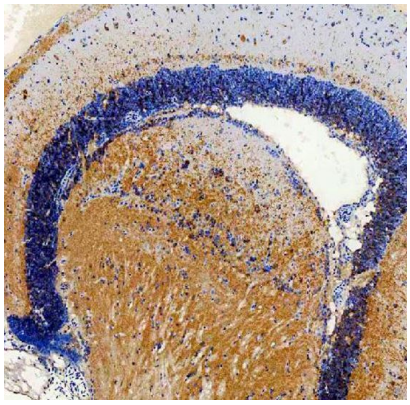
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	0.02M PBS, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% glycerol
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CEMIP
Gene Full Name	Cell Migration Inducing Hyaluronidase 1
Background	Enables several functions, including clathrin heavy chain binding activity; hyaluronic acid binding activity; and hyaluronon glucosaminidase activity. Involved in several processes, including hyaluronan catabolic process; positive regulation of protein phosphorylation; and positive regulation of protein targeting to membrane. Located in several cellular components, including clathrin-coated endocytic vesicle; endoplasmic reticulum; and nucleus. [provided by Alliance of Genome Resources, Feb 2025]
Function	Mediates depolymerization of hyaluronic acid (HA) via the cell membrane-associated clathrin-coated pit endocytic pathway. Binds to hyaluronic acid. Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product, a process that may occur through rapid vesicle endocytosis and recycling without intracytoplasmic accumulation or digestion in lysosomes. Involved in hyaluronan catabolism in the dermis of the skin and arthritic synovium. Positively regulates epithelial-mesenchymal transition (EMT), and hence tumor cell growth, invasion and cancer dissemination. In collaboration with HSPA5/BIP, promotes cancer cell migration in a calcium and PKC-dependent manner. May be involved in hearing.. [UniProt]
Calculated Mw	153 kDa
PTM	Glycoprotein. [UniProt]
Cellular Localization	Cell membrane; Coated pit; Cytoplasm; Endoplasmic reticulum; Membrane. [UniProt]

Images



ARG45839 anti-Zebrafish KIAA1199 antibody IHC-P image

Immunohistochemistry: Zebrafish liver stained with ARG45839 anti-Zebrafish KIAA1199 antibody at 2 µg/ml dilution.